

Ft. Hall, ID Sites

Wheat Grass Ridge Average Wind Speeds Site #0001 (66 ft. (20m) tower, erected week of 11/1/01, data started on 11/2/01) N. 42 deg. 44.762', W. 112 deg. 41.011' Elevation – 5930 ft.	
November (11/2/01 – 11/30/01)	14.8 mph
December 2001	16.0 mph
January 2002	16.1 mph
February 2002	18.4 mph
March 2002	17.9 mph
April 2002	18.6 mph
May 2002	17.7 mph
June 2002	13.6 mph
July 2002	13.8 mph
August 2002	15.1 mph
September 2002	13.6 mph
October 2002	12.4 mph
November 2002	15.0 mph
December 2002	15.6 mph
January 2003	14.7 mph
February 2003	15.5 mph
March 2003	21.2 mph
April 2003	15.4 mph
May 2003	14.0 mph
June 2003	15.3 mph
July 2003	12.7 mph
August 2003	13.6 mph
September 2003	14.7 mph
October 2003	17.2 mph
November 2003	17.6 mph
December 2003 (1 day of iced data taken out)	16.8 mph
January 2004 (1 day of iced data taken out)	18.4 mph
February 2004 (5 days of iced data taken out)	14.2 mph
March 2004	16.0 mph
April 2004	15.3 mph
May 2004 (0.5 day of iced data taken out)	16.7 mph
June 2004	14.2 mph
July 2004	11.6 mph
August 2004	12.0 mph
September 2004	12.5 mph

October 2004	14.8 mph
November 2004	13.0 mph
December 2004	16.2 mph
January 2005 (5 days of iced data taken out)	13.3 mph
February 2005 (2 days of iced data taken out)	11.5 mph
March 2005	16.6 mph
April 2005	15.6 mph
May 2005	12.9 mph
June 2005	14.8 mph
July 2005	12.6 mph
August 2005	11.9 mph
September 2005	13.0 mph
October 2005	12.2 mph
November (11/1/05 – 11/2/05)	19.0 mph
Overall Average (11/21/01 – 11/21/02)	15.8 mph
	18.0 mph at 50m
Overall Average (11/2/01 – 11/2/02)	15.6 mph
Overall Average (1/1/02 – 12/31/02)	15.6 mph
Overall Average (1/1/03 – 12/31/03)	15.7 mph
Overall Average (5/5/03 – 5/5/04)	15.5 mph
Overall Average (11/2/03 – 11/2/04)	15.0 mph
Overall Average (11/2/04 – 11/2/05)	13.7 mph
Wind Power Classification	Class 5+ to 6-

FMC Average Wind Speeds	
Site #0002	
(66 ft. (20m) tower, erected week of 11/1/01, data started on 11/2/01)	
N. 42 deg. 53.113', W. 112 deg. 33.148'	
Elevation – 5000 ft. (approximate)	
November (11/2/01 – 11/30/01)	10.6 mph
December 2001	11.5 mph
January 2002	11.8 mph
February 2002	8.7 mph
March 2002	14.3 mph

April 2002	15.9 mph
May 2002	14.8 mph
June 2002	11.5 mph
July 2002	11.8 mph
August 2002	11.9 mph
September 2002	10.9 mph
October 2002	9.9 mph
November 2002	9.6 mph
December 2002	12.0 mph
January 2003	9.3 mph
February 2003	11.5 mph
March 2003	17.6 mph
April 2003	12.1 mph
May 2003	12.0 mph
June 2003	12.7 mph
July 2003	10.6 mph
August 2003	10.7 mph
September 2003	11.1 mph
October 2003	12.4 mph
November 2003	13.3 mph
December 2003	13.3 mph
January 2004 (Likely slowed by ice several days)	10.4 mph
February (2/1/04 – 2/26/04)	9.1 mph
Overall Average (11/21/01 – 11/21/02)	12.2 mph
	13.9 mph at 50m
Overall Average (11/2/01 – 11/2/02)	12.0 mph
Overall Average (1/1/03 – 12/31/03)	12.2 mph
Wind Power Classification	Class 2

Siphon Rd. Average Wind Speeds	
Site #0003	
(66 ft. (20m) tower, erected week of 11/1/01, data started on 11/5/01)	
N. 42 deg. 57.268', W. 112 deg. 35.425'	
Elevation – 4800 ft. (approximate)	
November (11/5/01 – 11/30/01)	11.1 mph
December 2001	11.2 mph
January 2002	12.0 mph
February 2002	8.7 mph
March 2002	14.0 mph

April 2002	15.5 mph
May 2002	14.7 mph
June 2002	11.5 mph
July 2002	11.2 mph
August 2002	11.7 mph
September 2002	10.9 mph
October 2002	9.7 mph
November 2002	9.4 mph
December 2002	10.6 mph
January 2003	8.9 mph
February 2003	11.8 mph
March 2003	17.1 mph
April 2003	12.4 mph
May 2003	12.4 mph
June 2003	12.0 mph
July 2003	10.7 mph
August 2003	10.0 mph
September 2003	11.4 mph
October 2003	12.4 mph
November 2003	13.4 mph
December 2003	13.5 mph
January 2004 (Likely slowed by ice several days)	11.9 mph
February 2004	9.5 mph
March (3/1/04 – 3/17/04)	12.5 mph
Overall Average (11/21/01 – 11/21/02)	12.0 mph
	13.7 mph at 50m
Overall Average (11/5/01 – 11/5/02)	11.8 mph
Overall Average (1/1/03 – 12/31/03)	12.2 mph
Wind Power Classification	Class 2

Lone Pine Ridge Average Wind Speeds Site #0004 (66 ft. (20m) tower, erected week of 11/1/01, data started on 11/5/01) N. 43 deg. 02.884', W. 112 deg. 11.340' Elevation – 6115 ft.	
November (11/5/01 – 11/30/01)	13.5 mph
December 2001	13.1 mph
January 2002	13.6 mph
February 2002	12.9 mph

March 2002	16.9 mph
April 2002	17.4 mph
May 2002	16.4 mph
June 2002	13.8 mph
July 2002	14.0 mph
August 2002	14.4 mph
September 2002	13.7 mph
October 2002	11.5 mph
November 2002	11.9 mph
December 2002	12.9 mph
January 2003 (6.5 days of iced data taken out)	13.1 mph
February 2003	14.8 mph
March 2003	20.7 mph
April 2003	13.8 mph
May 2003	14.1 mph
June 2003	14.5 mph
July 2003	12.0 mph
August 2003	13.1 mph
September 2003	13.3 mph
October 2003	15.1 mph
November 2003	15.2 mph
December 2003 (2 days of iced data taken out)	15.2 mph
January 2004 (3 days of iced data taken out)	13.2 mph
February 2004 (5 days of iced data taken out)	11.7 mph
March 2004	15.0 mph
April 2004	14.1 mph
May 2004	16.3 mph
June 2004	14.6 mph
July 2004	12.7 mph
August (8/1/04 – 8/18/04)	12.6 mph
Overall Average (11/21/01 – 11/21/02)	14.4 mph
	16.4 mph at 50m
Overall Average (11/5/01 – 11/5/02)	14.2 mph
Overall Average (1/1/03 – 12/31/03)	14.6 mph
Overall Average (8/18/03 – 8/18/04)	14.1 mph
Wind Power Classification	Class 4

Gibson Ridge Average Wind Speeds Site #0005 (98 ft. (30m) tower, erected on 8/17/01, data started on same day) N. 43 deg. 06.385', W. 112 deg. 22.655' Elevation – 5000 ft.	
August (8/17/01 – 8/31/01)	12.9 mph
September 2001	12.7 mph
October 2001	19.1 mph
November 2001	13.2 mph
December 2001	12.6 mph
January 2002	12.9 mph
February 2002	9.8 mph
March 2002 (patched)	16.6 mph
April 2002	19.3 mph
May 2002	18.3 mph
June 2002	14.8 mph
July 2002	14.9 mph
August 2002	14.9 mph
September 2002 (10 day gap in data)	13.2 mph
October 2002	12.7 mph
November 2002 (2 day gap in data)	12.0 mph
December 2002	13.6 mph
January (1/1/03 – 1/17/03)	8.5 mph
March (3/3/03 – 3/31/03)	22.5 mph
April 2003 (1 day gap in data)	14.5 mph
May 2003	15.6 mph
June 2003	15.7 mph
July 2003	13.2 mph
August 2003	13.7 mph
September 2003	14.2 mph
October 2003 (7 day gap in data)	14.8 mph
November 2003	16.6 mph
December 2003 (1 day gap in data)	15.3 mph
January 2004 (1.5 days of iced data taken out, likely slowed by ice more days)	12.5 mph
February 2004 (5 day gap in data)	11.6 mph
March 2004	15.4 mph
April 2004	16.2 mph
May (5/1/04 – 5/21/04)	16.4 mph
Gap in data, logger changed from the old 9200+ to a new Symphonie	
June (6/8/04 – 6/30/04)	17.0 mph
July 2004	13.1 mph

August 2004	13.1 mph
September 2004	13.6 mph
October 2004	15.2 mph
November 2004	11.7 mph
December 2004	13.9 mph
30m anemometer damaged in January 2005, data below is from 10m anemometer until 30m anemometer was fixed on 7/20/05.	
January 2005, 10m anemometer (2 days of iced data taken out, likely slowed by ice more days)	10.0 mph
February 2005, 10m anemometer	9.0 mph
March 2005, 10m anemometer	15.5 mph
April 2005, 10m anemometer	14.4 mph
May 2005, 10m anemometer	13.0 mph
June 2005, 10m anemometer	13.3 mph
July 2005, 10m anemometer	12.5 mph
August 2005, 30m anemometer now resumed.	12.9 mph
September 2005	13.1 mph
October 2005	12.0 mph
November (11/1/05 – 11/9/05)	21.1 mph
Overall Average (8/17/01 – 8/16/02)	15.0 mph
	16.1 mph at 50m
Overall Average (1/1/03 – 12/31/03)	15.2 mph
Overall Average (3/3/03 – 3/2/04)	15.0 mph
Wind Power Classification	Class 4

Idaho Falls Sites

Black Canyon Average Wind Speeds Site #0000 (98 ft. (30m) tower, erected on 3/13/00) East of Idaho Falls N. 43 deg. 29.937', W. 111 deg. 51.855' Elevation – 5390 ft.	
March (3/13/00 – 3/31/00)	18.7 mph
April 2000	18.5 mph
May 2000 (3 day gap in data)	19.1 mph
June (6/27/00 – 6/30/00)	14.7 mph
July 2000	16.2 mph
August 2000	17.8 mph
September 2000	16.6 mph
October (10/1/00 – 10/22/00)	17.7 mph
July (7/19/01 – 7/31/01)	18.6 mph
August 2001	14.6 mph
September 2001	15.7 mph
October 2001	20.0 mph
November 2001	16.1 mph
December 2001	12.5 mph
January 2002	13.1 mph
February 2002	11.0 mph
March 2002 (patched)	18.3 mph
April 2002	20.1 mph
May 2002 (patched)	20.2 mph
June 2002	16.9 mph
July (7/1/02 – 7/8/02)	19.6 mph
August 2002	15.4 mph
September 2002 (4 day gap in data)	14.8 mph
October (10/18/02 – 10/31/02)	9.8 mph
November 2002	12.3 mph
December (12/1/02 – 12/14/02)	9.4 mph
January (1/18/03 – 1/31/03)	13.1 mph
February 2003	15.7 mph
March 2003	23.3 mph
April 2003	16.7 mph
May 2003 (1.5 day gap in data)	17.7 mph
June 2003	17.2 mph
July 2003	14.8 mph
August 2003	16.5 mph
September (3 day gap in data)	14.5 mph

October 2003	17.4 mph
November 2003	18.2 mph
December 2003 (1 day of iced data taken out)	16.6 mph
January 2004 (Likely slowed by ice several days)	11.9 mph
February (2/1/04 – 2/14/04) (Likely slowed by ice several days)	9.3 mph
March (3/18/04 – 3/31/04)	19.8 mph
April 2004	16.6 mph
May (5/1/04 – 5/14/04)	19.4 mph
Tower out of commission due to vandal damage.	
<p>June 15, 2005: Tower back in operation with new configuration. Now only one anemometer and wind vane recorded by logger (one channel). Both instruments at 30 meters. Anemometer is on a 1-meter side boom oriented to the South. A backup anemometer is mounted on stub at 30 meters in case boom-mounted anemometer gets damaged, in which case the damaged anemometer will be disconnected and the wires for the backup will be connected.</p>	
June (6/15/05 – 6/30/05)	17.6 mph
July 2005	15.2 mph
August 2005	14.4 mph
September (9/1/05 – 9/22/05)	16.5 mph
Overall Average (3/13/00 – 7/8/02, several months of data missing due to shot tower)	16.9 mph
Overall Average (3/13/00 – 12/19/03, data only available for 71% of this time due to periods of downtime because of rifle damage and other issues)	16.5 mph
Overall Average (7/19/01 – 7/8/02)	16.4 mph
	17.6 mph at 50m

Idaho State Land Sites

South of Lava Hot Springs Average Wind Speeds Site #0101 (66 ft. (20m) tower) N. 42 deg. 31.350', W. 111 deg. 55.821' Elevation – 9100 ft.	
October (10/16/02 – 10/31/02) (2.5 days of iced data taken out)	10.3 mph
November (11/1/02 – 11/8/02) (2 days of iced data taken out)	23.8 mph
Tower was knocked over on 11/8/02 (icing) and re-erected in June 2003.	
June (6/11/03 – 6/30/03)	15.1 mph
July 2003	13.3 mph
August 2003	16.3 mph
September 2003	15.5 mph
October 2003	18.6 mph
November (11/1/03 – 11/10/03)	14.1 mph
Tower was knocked over on 11/13/03 (icing). Anemometer was re-installed in July 2004 on an existing microwave tower at 45 feet above ground, in same general area as original data tower.	
Overall Average (10/16/02 – 11/10/03, data only available for 43% of this time)	15.5 mph
Overall Average (6/11/03 – 11/10/03)	15.7 mph

Silver City area Average Wind Speeds Site #0102 (66 ft. (20m) tower) N. 43 deg. 05.301', W. 116 deg. 50.371' Elevation – 7190 ft.	
October (10/29/02 – 10/31/02)	6.7 mph
November (11/1/02 – 11/8/02)	14.1 mph
Tower was knocked over on 11/8/02 and re-erected in February 2003.	
February (2/19/03 – 2/28/03)	15.2 mph
March 2003 (3 days of iced data taken out)	22.6 mph
April 2003 (5 days of iced data taken out)	13.1 mph
May 2003 (2 days of iced data taken out)	13.2 mph
June 2003	12.9 mph
July 2003	12.5 mph
August 2003	11.8 mph
September 2003	13.1 mph
October 2003	16.3 mph

November (11/1/03 – 11/15/03) (2 days of iced data taken out)	14.6 mph
Tower was knocked over on 11/16/03 and re-erected in July 2004.	
Overall Average (10/29/02 – 11/2/03, data only available for 68% of this time)	14.3 mph
Overall Average (2/19/03 – 11/2/03) (frozen 11/3-5/03)	14.4 mph

Kimberly site Average Wind Speeds Site #0103 (66 ft. (20m) tower) N. 42 deg. 22.813', W. 114 deg. 21.327' Elevation – 4800 ft. (approximate)	
November (11/21/02 – 11/30/02)	9.3 mph
December 2002	16.0 mph
January 2003	10.7 mph
February 2003	15.0 mph
March 2003	17.9 mph
April 2003	13.8 mph
May 2003	11.1 mph
June 2003	13.3 mph
July 2003	10.8 mph
August 2003	11.2 mph
September 2003	13.1 mph
October 2003	14.7 mph
November 2003	15.0 mph
December 2003	16.4 mph
January 2004 (Likely slowed considerably by ice)	11.5 mph
February 2004	13.9 mph
March 2004	14.3 mph
April 2004 (1 day gap in data)	13.4 mph
May 2004	13.8 mph
June 2004	13.4 mph
July 2004	11.7 mph
August 2004	11.8 mph
September 2004	11.7 mph
October 2004	14.2 mph
November 2004 (1 day of iced data taken out)	10.0 mph
December 2004	14.7 mph

January 2005	10.2 mph
February 2005	8.1 mph
March 2005 (3/1/05 – 3/9/05)	11.9 mph
Overall Average (11/21/02 – 11/21/03)	13.4 mph
Overall Average (4/9/03 – 4/9/04)	13.3 mph
Overall Average (6/17/03 – 6/17/04)	13.4 mph
Overall Average (11/23/03 – 11/23/04)	13.0 mph

Hot Springs, Mtn. Home site Average Wind Speeds Site #0104 (66 ft. (20m) tower) N. 43 deg. 03.7', W. 115 deg. 30.7' Elevation – 2800 ft. (approximate)	
November (11/26/02 – 11/30/02)	6.8 mph
December 2002	12.2 mph
January 2003	10.6 mph
February 2003	13.9 mph
March 2003	13.2 mph
April 2003	13.4 mph
May 2003	12.3 mph
June 2003	14.2 mph
July 2003	11.2 mph
August 2003	11.2 mph
September 2003	13.5 mph
October 2003	13.9 mph
November 2003	12.4 mph
December 2003	14.9 mph
January 2004	11.1 mph
February 2004	16.6 mph
March 2004	13.5 mph
April 2004	13.6 mph
May 2004	12.7 mph
June 2004	13.9 mph
July 2004	12.1 mph
August 2004	11.5 mph
September 2004	12.7 mph
October 2004	12.2 mph
November 2004	10.5 mph
December 2004	12.6 mph

January 2005 (1.5 days of iced data taken out)	11.1 mph
February 2005	10.7 mph
March 2005	13.1 mph
April 2005	14.3 mph
May 2005	12.6 mph
June 2005 (6/1/05-6/12/05)	14.5 mph
Overall Average (11/26/02 – 11/26/03)	12.6 mph
Overall Average (2/19/03 – 2/19/04)	13.0 mph
Overall Average (5/18/03 – 5/18/04)	13.2 mph
Overall Average (6/12/04 – 6/12/05)	12.3 mph

War Eagle/Silver City site Average Wind Speeds Site #0105 (98 ft. (30m) tower) N. 42 deg. 59.508', W. 116 deg. 42.130' Elevation – 7883 ft.	
June (6/24/03 – 6/30/03)	11.1 mph
July 2003	10.4 mph
August 2003 (2 day gap in data)	10.2 mph
September 2003	11.9 mph
October (10/1/03 – 10/18/03)	14.0 mph
Overall Average (6/24/03 – 10/18/03)	11.3 mph

American Falls/Rockland site Average Wind Speeds Site #0106 (66 ft. (20m) tower) N. 42 deg. 40.682', W. 112 deg. 46.325' Elevation – 6579 ft.	
July (7/2/03 – 7/31/03)	14.6 mph
August 2003	13.8 mph
September 2003	16.9 mph
October 2003	18.4 mph
November 2003 (1 day of iced data taken out)	18.1 mph

December 2003 (10 days of iced data taken out, likely slowed by ice much more)	15.7 mph
January 2004 (9 days of iced data taken out, likely slowed by ice much more)	12.3 mph
February 2004 (7 days of iced data taken out, likely slowed by ice much more)	11.8 mph
March 2004 (2 days of iced data taken out)	18.6 mph
April 2004	17.1 mph
May 2004 (0.5 day of iced data taken out)	20.2 mph
June 2004	17.0 mph
July 2004	13.6 mph
August 2004	13.7 mph
September 2004	15.2 mph
October (10/1/04 – 10/26/04)	15.7 mph
Overall Average (7/2/03 – 7/2/04, significant iced data removed but some icing still present)	16.4 mph
Overall Average (7/2/03 – 7/2/04, icing periods (Dec. – Feb.) patched and scaled using Wheat Grass data)	17.3 mph
Overall Average (10/26/03 – 10/26/04, significant iced data removed but some icing still present)	16.1 mph

Idaho State Private Sites

Rita Brown site Average Wind Speeds Site #0201 (66 ft. (20m) tower) N. 43.322 deg., W. 115.826 deg. Elevation – 2800 ft. (approximate)	
November (11/7/02 – 11/30/02)	8.6 mph
December 2002	10.2 mph
January 2003	7.3 mph
February 2003	10.5 mph
March 2003	11.5 mph
April 2003	11.9 mph
May 2003	10.2 mph

June 2003	11.8 mph
July 2003	10.2 mph
August 2003	9.7 mph
September 2003	10.3 mph
October 2003	10.0 mph
November 2003	9.3 mph
December 2003	10.8 mph
January 2004	7.3 mph
February 2004	11.5 mph
March 2004	10.9 mph
April 2004	11.2 mph
May 2004	10.2 mph
June 2004	11.4 mph
July 2004	10.3 mph
August 2004	9.7 mph
September 2004	10.4 mph
October 2004	10.1 mph
November 2004	7.9 mph
December 2004 (1 day of iced data taken out)	9.1 mph
January (1/1/05 – 1/8/05)	10.7 mph
Overall Average (11/7/02 – 11/7/03)	10.2 mph
Overall Average (5/7/03 – 5/7/04)	10.3 mph

Harker Farms site Average Wind Speeds Site #0202 (66 ft. (20m) tower) N. 43 deg. 20.640', W. 112 deg. 01.668' Elevation – 5450 ft.	
November 2002	12.2 mph
December 2002	14.0 mph
January 2003	11.8 mph
February 2003	14.7 mph
March 2003	22.4 mph
April 2003	15.0 mph
May 2003	16.0 mph
June 2003	15.4 mph
July 2003	13.6 mph
August 2003	14.4 mph
September 2003	13.9 mph
October 2003	16.2 mph

November 2003	16.6 mph
December 2003 (2 days of iced data taken out)	15.4 mph
January 2004 (1.5 days of iced data taken out, likely slowed by ice 10 or so days more)	12.0 mph
February 2004 (likely slowed by ice)	10.1 mph
March 2004	16.0 mph
April 2004	15.5 mph
May 2004	16.7 mph
June 2004	14.4 mph
July (7/1/04 – 7/30/04)	12.6 mph
Overall Average (11/1/02 – 11/1/03)	15.0 mph
Overall Average (2/28/03 – 2/28/04)	15.2 mph
Overall Average (7/30/03 – 7/30/04)	14.5 mph

Idaho Power, Bell Rapids site Average Wind Speeds Site #0203 (100 ft. (30m) tower) N. 42 deg. 51.08', W. 114 deg. 54.793' Elevation – 3400 ft. (approximate)	
November (11/20/02 – 11/30/02)	8.8 mph
December 2002	10.8 mph
January 2003	9.8 mph
February 2003	15.9 mph
March 2003	15.5 mph
April 2003	13.7 mph
May 2003	12.8 mph
June 2003	14.7 mph
July 2003	11.6 mph
August 2003	10.9 mph
September 2003	14.0 mph
October 2003	13.4 mph
November 2003	13.2 mph
December 2003	14.9 mph
January 2004	11.8 mph
February 2004	16.1 mph
March 2004	14.7 mph
April 2004	13.8 mph
May 2004	14.8 mph

June 2004	14.6 mph
July 2004	11.5 mph
August 2004	10.5 mph
Overall Average (11/20/02 – 11/20/03)	12.8 mph
Overall Average (3/24/03 – 3/24/04)	13.4 mph
Overall Average (9/2/03 – 9/2/04)	13.6 mph

Jeff Good site Average Wind Speeds Site #0204 (66 ft. (20m) tower) N. 43.246 deg., W. 116.468 deg. Elevation – 3200 ft.	
November (11/15/02 – 11/30/02), data is offset forward about 1 week due to error in original setting of timeclock. Timeclock was corrected 1/1/03.	7.5 mph
December (12/1/02 – 12/26/02), data is offset forward about 1 week.	16.2 mph
January 2003	11.1 mph
February 2003	13.9 mph
March 2003	14.9 mph
April 2003	13.3 mph
May 2003	11.8 mph
June 2003	15.0 mph
July 2003	12.8 mph
August 2003	11.5 mph
September 2003	11.4 mph
October 2003	12.1 mph
November 2003	12.8 mph
December 2003	15.1 mph
January 2004 (5 days of iced data taken out)	12.9 mph
February 2004	16.2 mph
March (3/1/04 – 3/9/04)	13.9 mph
Overall Average (11/15/02 – 11/15/03)	12.7 mph
Overall Average (3/9/03 – 3/9/04)	13.2 mph

Mike Hauger, Grangeville site Average Wind Speeds Site #0205 (66 ft. (20m) tower) N. 45 deg. 55', W. 116 deg. 05' (approximate) Elevation – 3200 ft. (approximate)	
November (11/18/02 – 11/30/02)	5.6 mph
December 2002	11.6 mph
January 2003	9.1 mph
February 2003	6.8 mph
March 2003	11.1 mph
April (4/1/03 – 4/25/03)	7.1 mph
Data is flat-line from 4/25/03 to 6/19/03. Anemometer is either broken or wire is loose.	
Overall Average (11/18/02 – 4/25/03)	9.0 mph

Jarolimek Farms, Burley site Average Wind Speeds Site #0206 (66 ft. (20m) tower) N. 42 deg. 31', W. 113 deg. 53' (approximate) Elevation – 4500 ft. (approximate)	
October (10/8/02 – 10/31/02)	10.0 mph
November 2002	12.6 mph
December 2002	13.4 mph
January 2003	10.9 mph
February 2003	15.0 mph
March 2003	16.9 mph
April 2003	14.7 mph
May 2003	12.3 mph
June 2003	12.8 mph
July 2003	10.5 mph
August 2003	11.2 mph
September 2003	13.3 mph
October 2003	14.5 mph
November 2003	14.5 mph
December 2003	15.9 mph
January 2004	12.5 mph
February 2004	13.8 mph
March 2004	14.8 mph
April (4/1/04 – 4/6/04)	12.6 mph

Overall Average (10/8/02 – 10/8/03)	12.8 mph
	14.6 mph at 50m
Overall Average (12/4/02 – 12/4/03)	13.4 mph
Overall Average (4/6/03 – 4/6/04)	13.4 mph

Bell Rapids Irrigation site Average Wind Speeds Site #0207 (66 ft. (20m) tower) N. 42 deg. 53', W. 114 deg. 57.5' Elevation – 3500 ft. (approximate)	
December (12/13/02 – 12/31/02)	13.1 mph
January 2003	9.9 mph
February 2003	13.9 mph
March 2003	13.1 mph
April 2003	12.5 mph
May 2003	11.6 mph
June 2003	12.9 mph
July 2003	10.5 mph
August 2003	10.0 mph
September 2003	12.7 mph
October 2003 (missing data, patched)	13.3 mph
November 2003	12.2 mph
December 2003	13.9 mph
January 2004	12.2 mph
February 2004	14.5 mph
March (3/1/04 – 3/17/04)	14.0 mph
Overall Average (12/13/02 – 12/13/03)	12.1 mph
Overall Average (3/17/03 – 3/17/04)	12.5 mph

City of Boise, Kuna site Average Wind Speeds Site #0208 (66 ft. (20m) tower) N. 43 deg. 24', W. 116 deg. 19' (approximate) Elevation – 2875 ft. (approximate)	
Average (1/11/03 – 3/7/03), data is suspect due to initial data chip and setup, time	10.5 mph

stamped on chip was year 2002.	
March (3/7/03 – 3/31/03)	12.5 mph
April 2003	11.7 mph
May 2003	9.8 mph
June 2003	12.8 mph
July 2003	10.0 mph
August 2003	9.2 mph
September 2003	9.6 mph
October 2003	9.8 mph
November 2003	9.7 mph
December 2003	12.5 mph
January 2004	8.9 mph
February 2004	13.9 mph
March 2004	10.6 mph
April 2004	12.2 mph
May 2004	9.9 mph
June 2004	11.2 mph
July (7/1/04 – 7/6/04)	11.1 mph
Overall Average (3/7/03 – 4/26/04)	10.9 mph
Overall Average (3/7/03 – 3/7/04)	10.8 mph
Overall Average (7/6/03 – 7/6/04)	10.6 mph

Richard Eagley, Mtn. Home site Average Wind Speeds Site #0209 (66 ft. (20m) tower) N. 43 deg. 10', W. 115 deg. 43' (approximate) Elevation – 2800 ft. (approximate)	
Average (1/10/03 – 2/19/03), data is suspect due to initial data chip and setup, time stamped on chip was year 2002.	8.6 mph
February (2/19/03 – 2/28/03)	9.9 mph
March 2003	10.5 mph
April 2003	10.7 mph
May 2003 (4.5 day gap in data)	8.8 mph
June 2003 (1 day gap in data)	10.9 mph
July 2003	8.8 mph
August 2003	8.7 mph
September 2003	9.8 mph
October (10/1/03 – 10/20/03)	9.3 mph

Overall Average (2/19/03 – 10/20/03)	9.7 mph
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Tim Parkinson, Ririe site Average Wind Speeds Site #0210 (66 ft. (20m) tower) N. 43 deg. 40', W. 111 deg. 39' (approximate) Elevation – 6000 ft. (approximate)	
November (11/14/02 – 11/30/02)	9.9 mph
December 2002	13.2 mph
January 2003	12.7 mph
February 2003	13.7 mph
March 2003	19.8 mph
April 2003	13.6 mph
May 2003	15.0 mph
June 2003	14.3 mph
July 2003	13.0 mph
August 2003	13.8 mph
September 2003	12.6 mph
October 2003	15.3 mph
November 2003	15.4 mph
December 2003	14.2 mph
January 2004	11.0 mph
February 2004	10.3 mph
March 2004	15.1 mph
April 2004	13.9 mph
May 2004	15.0 mph
June 2004	13.4 mph
July 2004	12.6 mph
August 2004	12.7 mph
September 2004	13.5 mph
October (10/1/04 – 10/25/04)	14.5 mph
Overall Average (11/14/02 – 11/14/03)	14.1 mph
Overall Average (2/5/03 – 2/5/04)	14.3 mph
Overall Average (6/1/03 – 6/1/04)	13.7 mph
Overall Average (10/25/03 – 10/25/04)	13.5 mph

Marlin Hill, Rexburg site Average Wind Speeds Site #0211 (66 ft. (20m) tower) N. 43 deg. 43.031', W. 111 deg. 36.935' Elevation – 6080 ft.	
August (8/20/03 – 8/31/03)	13.2 mph
September 2003	12.5 mph
October 2003	15.0 mph
November 2003	15.5 mph
December 2003 (2 days of iced data taken out)	14.8 mph
January 2004 (2.5 days of iced data taken out, likely slowed by ice more days)	11.0 mph
February 2004 (1.5 days of iced data taken out, likely slowed by ice more days)	10.6 mph
March 2004	15.0 mph
April 2004	14.3 mph
May 2004	16.6 mph
June 2004	13.8 mph
July 2004	13.2 mph
August 2004	13.6 mph
September 2004	13.9 mph
October 2004	15.1 mph
November 2004	10.4 mph
December 2004 (1 day of iced data taken out)	13.3 mph
January (1/1/05 – 1/22/05)	12.8 mph
Overall Average (8/20/03 – 8/20/04)	13.8 mph
	15.7 mph at 50m
Overall Average (9/18/03 – 9/18/04)	14.0 mph
Overall Average (1/22/04 – 1/22/05)	13.6 mph

Phillip Parkinson, Rexburg site Average Wind Speeds Site #0846 (66 ft. (20m) tower) N. 43 deg. 43.318', W. 111 deg. 35.551' Elevation – 6295 ft.	
May (5/20/04 – 5/31/04)	14.9 mph
June (6/1/04 – 6/30/04)	12.6 mph
Overall Average (5/20/04 – 6/30/04)	13.2 mph

Simmons Farms site Average Wind Speeds Site #0001 (198 ft. (60m) tower) N. 43 deg. 24.424', W. 111 deg. 44.850' Elevation – 6120 ft.	
	60 meter anemometer
November (11/24/03 – 11/30/03)	17.6 mph
December 2003	17.2 mph
January 2004	15.9 mph
February 2004	12.8 mph
March 2004	15.6 mph
April 2004	13.3 mph
May 2004	16.0 mph
June 2004	13.9 mph
July 2004	13.7 mph
August 2004	14.0 mph
September 2004	14.3 mph
October 2004	14.8 mph
November 2004	11.6 mph
December 2004	15.5 mph
January 2005	13.7 mph
February 2005	12.3 mph
March 2005	14.2 mph
April (4/1/05 – 4/6/05)	16.6 mph
Overall Average (11/24/03 – 11/24/04)	14.48 mph

Kurt Laven, Moscow site Average Wind Speeds Site #0793 (66 ft. (20m) tower) N. 46 deg. 36.284', W. 116 deg. 29.934' Elevation – 2887 ft.	
November (11/23/03 – 11/30/03)	10.5 mph
December 2003 (2 days of iced data taken out, likely slowed by ice more days)	9.3 mph
January 2004 (0.5 day of iced data taken out, likely slowed by ice more days)	8.6 mph
February 2004 (1 day of iced data taken out, likely slowed by ice more days)	8.4 mph
March 2004 (0.5 day of iced data taken out, likely slowed by ice more days)	10.9 mph

out)	
April 2004	8.3 mph
May 2004	8.2 mph
June 2004	8.0 mph
July 2004	8.0 mph
August 2004	8.1 mph
September 2004	7.9 mph
October (10/1/04 – 10/14/04)	7.5 mph
Overall Average (11/23/03 – 10/14/04)	8.6 mph

BPA-Idaho Sites

Allen Purcell Ranch Average Wind Speeds Site #1001 (66 ft. (20m) tower) N. 44.4129 deg., W. 113.2508 deg. Elevation – 5947 ft.	
December (12/11/01 – 12/31/01)	9.1 mph
January 2002	10.4 mph
February 2002	12.5 mph
March 2002	11.5 mph
April 2002	9.6 mph
May 2002	10.4 mph
June 2002	8.8 mph
July 2002	8.4 mph
August 2002	9.5 mph
September 2002	8.8 mph
October 2002	6.6 mph
November 2002	7.3 mph
December 2002	10.1 mph
January 2003	8.4 mph
February 2003	7.5 mph
March 2003	11.0 mph
April 2003	10.8 mph
May 2003	9.8 mph
June (6/1/03 – 6/12/03)	9.1 mph
Overall Average (12/11/01 – 12/11/02)	9.2 mph

Overall Average (12/31/01 – 12/31/02)	9.5 mph
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Barbara Krieger, Rathdrum site Average Wind Speeds Site #1002 (66 ft. (20m) tower) N. 47 deg. 48', W. 116 deg. 50' (approximate) Elevation – 2800 ft. (approximate)	
October (10/21/02 – 10/31/02)	7.8 mph
November 2002	8.1 mph
December 2002	7.2 mph
January 2003	8.0 mph
February 2003	7.7 mph
March 2003	9.5 mph
April 2003	8.3 mph
May 2003	7.8 mph
June 2003	7.4 mph
July 2003	7.4 mph
August 2003	7.2 mph
September 2003	7.3 mph
October 2003	9.1 mph
November 2003	10.4 mph
December 2003	8.6 mph
January 2004	8.7 mph
February 2004	7.2 mph
March 2004	9.7 mph
April 2004	7.1 mph
May 2004	8.2 mph
June 2004	7.7 mph
July (7/1/04 – 7/27/04)	7.6 mph
Overall Average (10/21/02 – 10/21/03)	7.9 mph
Overall Average (4/12/03 – 4/12/04)	8.2 mph
Overall Average (7/27/03 – 7/27/04)	8.2 mph

Gilmore Site Average Wind Speeds Site #0440 (66 ft. (20m) tower) N. 44 deg. 24.930', W. 113 deg. 11.607' Elevation – 7570 ft.	
June (6/12/03 – 6/30/03)	12.6 mph
July 2003	12.1 mph
August 2003	11.9 mph
September 2003	11.9 mph
October 2003	12.3 mph
November 2003 (2 days of iced data taken out)	10.4 mph
December 2003 (4.5 days of iced data taken out)	11.6 mph
January 2004 (1 day of iced data taken out)	9.2 mph
February 2004 (1 day of iced data taken out)	13.7 mph
March 2004	11.5 mph
April 2004	13.9 mph
June 2004	11.9 mph
July (7/1/04 – 7/27/04)	10.6 mph
Overall Average (6/12/03 – 5/1/04)	11.9 mph
Overall Average (6/12/03 – 7/27/04, missing May 2004)	11.8 mph

Mitch Arkoosh, Glens Ferry site Average Wind Speeds Site #0439 (66 ft. (20m) tower) N. 43 deg., W. 115 deg. (approximate) Elevation – 2800 ft. (approximate)	
November (11/1/03 – 11/30/03)	12.6 mph
December 2003	14.9 mph
January 2004	11.7 mph
February 2004	15.9 mph
March 2004	13.5 mph
April 2004	13.1 mph
Hole in data (missing/lost) from 5/1/04 to 7/31/04.	
August 2004	11.1 mph
September 2004 (9/6/04 – 9/30/04)	10.1 mph

October 2004	12.5 mph
November 2004	10 mph
December 2004	12.3 mph
January 2005 (1.5 day(s) of iced data taken out)	10.8 mph
February 2005	10.6 mph
March 2005	13.3 mph
April 2005	14.6 mph
May 2005	12.7 mph
June 2005	12.9 mph
July 2005	11.6 mph
August 2005	11.8 mph
September 2005	10.2 mph
October 2005 (10/1/05 – 10/9/05)	13.2 mph
Overall Average (10/9/04 – 10/9/05)	12.03 mph

Other Sites

Duck Valley Reservation Average Wind Speeds Site #3246 (66 ft. (20m) tower) N. 41.8528 deg., W. 116.124 deg. Elevation – 7180 ft.	
June (6/21/01 – 6/30/01)	14.5 mph
July 2001	13.4 mph
August 2001	13.5 mph
September 2001	13.4 mph
October 2001	17.1 mph
November 2001	18.2 mph
December 2001	18.6 mph
January 2002	16.8 mph
February 2002	17.7 mph
March (3/1/02 – 3/7/02)	19.8 mph
Overall Average (6/21/01 – 3/7/02)	16.1 mph
	18.35 mph at 50m

Duck Valley Miller Creek Average Wind Speeds Site #0131 (66 ft. (20m) tower) N. 42 deg. 3.728', W. 116 deg. 4.690' Elevation – 6591 ft.	
October (10/15/03 – 10/31/03)	13.6 mph
November 2003	15.2 mph
December 2003 (2 days of iced data taken out)	16.0 mph
January 2004 (2.5 days of iced data taken out)	13.6 mph
February 2004 (1.5 days of iced data taken out)	14.5 mph
March 2004	14.2 mph
April 2004	12.6 mph
May 2004	13.3 mph
June 2004	13.6 mph
July 2004	12.5 mph
August 2004	13.1 mph
September 2004	12.2 mph
October 2004	13.4 mph
November 2004 (2 days of iced data taken out)	12.0 mph
December 2004	15.8 mph
January 2005 (5 days of iced data taken out)	12.6 mph
February 2005 (3 days of iced data taken out)	12.6 mph
March 2005 (1 day of iced data taken out)	15.1 mph
April 2005 (1 day of iced data taken out)	13.7 mph
May 2005	13.9 mph
June 2005	11.6 mph
July 2005	12.1 mph
August 2005	12.1 mph
September 2005	11.6 mph
October 2005 (.5 day of iced data taken out)	11.4 mph
November (11/1/05 -11/10/05) (.5 day of iced data taken out)	20.0 mph
Overall Average (10/15/03 – 10/15/04)	13.6 mph
Overall Average (11/10/04 – 11/10/05)	13.1 mph

Duck Valley Antelope Springs Average Wind Speeds Site #0215 (66 ft. (20m) tower) N. 42 deg. 2.905', W. 116 deg. 18.501' Elevation – 5727 ft.	
October (10/14/03 – 10/31/03)	11.0 mph
November 2003	12.0 mph
December 2003	13.0 mph
January 2004 (1 day of iced data taken out)	12.7 mph
February 2004	11.7 mph
March 2004	10.9 mph
April 2004	10.7 mph
May 2004	11.4 mph
June 2004	11.3 mph
July 2004	10.2 mph
August 2004	11.1 mph
September 2004	9.9 mph
October 2004	10.3 mph
November (11/1/04 – 11/16/04)	9.0 mph
Overall Average (10/14/03 – 10/14/04)	11.2 mph

Grasmere Station, Mtn. Home AFB Average Wind Speeds Site #7001 (70 ft. existing tower) N. 42 deg. 18', W. 115 deg. 59' (approximate) Elevation – 5940 ft. (approximate)	
October (10/14/03 – 10/31/03)	14.0 mph
November 2003	15.8 mph
December 2003	16.1 mph
January 2004 (3 days of iced data taken out)	16.1 mph
February 2004 (2.5 days of iced data taken out)	15.1 mph
March 2004	14.1 mph
April 2004	13.1 mph
May 2004	14.1 mph
June 2004	12.0 mph
July 2004	11.1 mph
August 2004	12.6 mph
September 2004	11.7 mph
October 2004	13.7 mph

November 2004	12.1 mph
December (12/1/04 – 12/20/04)	15.1 mph
Overall Average (10/14/03 – 10/14/04)	13.6 mph

New Sites

Steve Smith, Swan Lake ID Average Wind Speeds Site #603 (66 ft. (20m) tower) N. 42 deg. 20.812', W. 112 deg. 01.95' Elevation – 5363 ft.	
September (9/17/04 – 9/30/04)	11.23 mph
October 2004	10.29 mph
November 2004	10.41 mph
December 2004	10.47 mph
January (1/1/05 – 1/16/05) (9 days of iced data taken out)	10.9 mph
February 2005	8.1 mph
March 2005	10.9 mph
April (4/1/05 -4/7/05) (data missing 4/7/05 – 6/25/05)	11.1 mph
June (6/25/05 – 6/30/05)	12.1 mph
July 2005	10.4 mph
August 2005	9.8 mph
September (9/1/05 – 9/18/05)	11.2 mph
Overall Average (9/18/04 -9/18/05)	10.19 mph

Lone Pine Peak Site #401 (65 ft. (20 m) tower) N. 44 deg. 19.643', W. 114 deg. 9.511' Elevation – 9378'	
July (7/7/04 – 7/31/04)	13.6 mph
August 2004	12.9 mph
September 2004 (3.5 days of iced data taken out)	14.1 mph

October 2004 (4 days of iced data taken out)	14.2 mph
November 2004 (1.5 days of iced data taken out)	12.1 mph
December 2004 (2 days of iced data taken out)	15.4 mph
January 2005 (1 day of iced data taken out)	13.0 mph
February 2005 (2 days of iced data taken out)	10.1 mph
March 2005 (1 day of iced data taken out)	14.1 mph
April 2005 (2.5 days of iced data taken out)	15.5 mph
May 2005 (3.5 days of iced data taken out)	13.2 mph
June 2005 (6/1/05 – 6/7/05) (2 days of iced data taken out)	12.5 mph
Overall Average (7/7/04 – 6/7/05)	13.44 mph

Raft River Site #301 (65 ft. (20 m) tower) N. 42 deg. 4.269', W. 113 deg. 15.084' Elevation – 5082'	
June (6/30/04)	7.75 mph
July 2004	8.38 mph
August 2004	8.68 mph
September 2004	9.43 mph
October 2004	9.36 mph
November 2004	9.23 mph
December 2004 (.5 days of iced data removed)	12.64 mph
January 2005 (1 day of iced data removed)	11.3 mph
February 2005	8.27 mph
March 2005	10.85 mph
April 2005	11.2 mph
May 2005	9.0 mph
June 2005	10.4 mph
July 2005	8.8 mph
August 2005 (8/1/05 – 8/10/05)	8.2 mph
Overall Average (8/10/04 – 8/10/05)	9.87 mph

Raft River Site #302 (65 ft. (20 m) tower) N. 42 deg. 2.543', W. 113 deg. 32.298' Elevation – 5241'	
July 2004	8.04 mph
August 2004	8.12 mph
September 2004	8.56 mph
October 2004	8.64 mph
November 2004	6.67 mph
December 2004 (1 day of iced data removed)	7.89 mph
January 2005 (2.5 days of iced data removed)	6.98 mph
February 2005	6.22 mph
March 2005 (.5 days of iced data removed)	10.58 mph
April 2005 (1 day of iced data removed)	8.8 mph
May 2005	8.4 mph
June 2005	8.8 mph
July 2005	7.9 mph
August 2005 (8/1/05 – 8/16/05)	7.4 mph
Overall Average (8/16/04 –8/16/05)	8.09 mph

Raft River Site #303 (65 ft. (20 m) tower) N. 42 deg. 2.543', W. 113 deg. 32.298' Elevation – 5241'	
August (8/18/04 – 8/31/04)	10.6 mph
September 2004	12.2 mph
October 2004	12.9 mph
November 2004 (.5 days of iced data removed)	12.69 mph
December 2004	15.6 mph
January 2005 (1 day of iced data removed)	15.9 mph
February 2005 (1 day of iced data removed)	12.8 mph
March 2005	14.8 mph
April 2005	13.8 mph

May 2005	12.8 mph
June 2005	13.0 mph
July 2005	11.8 mph
August (8/1/05 – 8/9/05)	10.3 mph
Overall Average (8/18/04 – 8/9/05)	13.3 mph

Pat Henderson Site, Kendrick ID. Site #944 (65 ft. (20 m) tower) N. 46 deg. 34.44', W. 116 deg. 26.82' (approximate) Elevation – 3439'	
September (9/16/04 – 9/30/04)	9.36 mph
October 2004	9.22 mph
November 2004	9.92 mph
December (12/1/04 – 12/13/04)	11.69 mph
January (1/11/05 – 1/31/05) (1 day of iced data removed)	11.7 mph
February 2005	11.2 mph
March 2005	10.9 mph
April 2005	11.0 mph
May 2005	9.5 mph
June 2005	8.9 mph
July 2005 (7/1/05 – 7/19/05)	9.5 mph
Overall Average (9/16/04 – 12/13/04)	9.84 mph
Overall Average (1/11/05 – 7/19/05)	10.36 mph
Overall Average (9/16/04 – 7/19/05, gap in data)	10.2 mph

Richard Taylor Site, American Falls ID Site #441 (65 ft. (20 m) tower) N. 42 deg. 43.4167, W. 112 deg. 48.00' Elevation – 5046'	
July (7/29/04 – 7/31/04)	9.54 mph
August 2004	11.12 mph
September 2004	11.15 mph
October 2004	12.45 mph
November 2004	8.55 mph
December 2004	11.82 mph
January 2005 (1.5 days of iced data removed)	8.24 mph
February 2005	7.20 mph
March 2005	14.4 mph
April 2005 (1 day of iced data removed)	12.9 mph
May 2005	11.7 mph
June 2005	12.7 mph
July 2005	10.9 mph
August 2005 (8/1/05 – 8/31/05)	10.3 mph
Overall Average (8/31/04 – 8/31/05)	11.06 mph

Rexburg Water Tower, Rexburg ID Site #0012 (95 ft. (29 m) tower) N. 43 deg. 48.070', W. 111 deg. 46.726' Elevation – 5211'	
January (1/26/05 – 1/31/05) (1.5 days of iced data removed)	6.58 mph
February (2/1/05 – 2/24/05) (1 day of iced data removed)	7.87 mph
March (3/10/05 – 3/31/05) (.5 days of iced data removed)	14.00 mph
April 2005	14.08 mph
May 2005	12.5 mph
June 2005	11.8 mph
July 2005	11.8 mph
August 2005	11.5 mph
September 2005	12.1 mph
October 2005 (10/1/05 -10/22/05)	10.3 mph

Overall Average (1/26/05 – 10/22/05, gap in data from 2/24 to 3/10/05)	11.81 mph
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Keith Burch Site, Orofino ID area Site #2704 (65 ft. (20 m) tower) N. 46 deg 31.43', W. 116 deg. 12.67' Elevation – 3088'	
September (9/15/04 – 9/30/04)	2.88 mph
October 2004	3.06 mph
November (11/1/04 – 11/23/04)	2.45 mph
Overall Average (9/15/04 – 11/23/04)	2.82 mph

Cold Water Creek Rest Area, West of American Falls Site #597 (65 ft. (20 m) tower) N. 42 deg. 36.864', W. 113 deg. 8.669' Elevation – 4429'	
December (12/20/04 – 12/31/04)	7.72 mph
January 2005 (4.5 days of iced data removed)	8.35 mph
February 2005 (2.5 days of iced data removed)	7.54 mph
March 2005 (1.5 days of iced data removed)	11.71 mph
April 2005 (2.5 days of iced data removed)	10.59 mph
May (5/1/05 – 5/10/05)	10.31 mph
Overall Average (12/20/04 – 5/10/05)	9.53 mph